

## TOW Improved Target Acquisition System (ITAS)



## MISSION

Defeat threat armored vehicles at extended ranges in all expected battlefield conditions; ensure combat overmatch and dominance at every point on the spectrum of operations.

## DESCRIPTION AND SPECIFICATIONS

The TOW Improved Target Acquisition System (ITAS) is a system critical to the Legacy, Interim, and Objective Forces. ITAS is an upgrade to the light infantry's TOW 2 (tube-launched, optically tracked, wire command-link guided) weapon system. The ITAS was chosen as the off-the-shelf Anti-Tank Guided Missile (ATGM) variant readily available to meet the immediate needs of the National Command Authority and the CINCs, in addition to the requirements of the Interim Armored Vehicle (IAV).

ITAS has an improved design with BIT/BITE for increased maintainability and reduced logistics requirements. It also features an improved man-machine interface that improves system engagement performance.

The ITAS will be fielded at battalion level, replacing TOW 2 in light infantry units. The ITAS modification kit consists of an integrated (day/night sight with laser rangefinder) target acquisition subsystem, fire control subsystem, battery power source, and modified traversing unit. The ITAS will operate from the High Mobility Multipurpose Wheeled Vehicle (HMMWV) and the dismount tripod platform.

## FOREIGN COUNTERPART

No known direct foreign counterpart. The Hughes Aircraft Company, Spanish-assembled, Light Weight Launcher is a somewhat similar but less capable system.

## FOREIGN MILITARY SALES

None

## PROGRAM STATUS

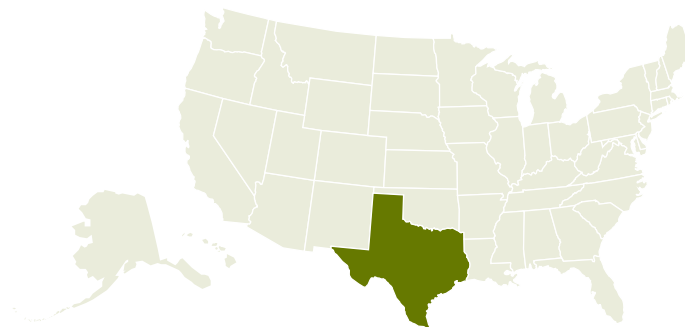
- **September 30, 1996** ITAS low-rate initial production (LRIP) I contract was awarded, with a production quantity of twenty-five units. LRIP II was awarded March 1998 for a quantity of seventy-four systems.
- **4QFY98** First unit equipped completed to A Troop, 1-17th Cavalry, 82nd Airborne Division.
- **2QFY99** Limited user test II successfully completed.
- **June 2, 1999** Milestone III decision to enter full-rate production (FRP).
- **July 2, 1999** FRP contract was awarded for 102 systems and included priced annual options for FY00–03.
- **1–2QFY00** Fielded to 3rd Brigade, 82nd Airborne Division.
- **3QFY00** Contractor logistics support contract signed.

## PROJECTED ACTIVITIES

- **3–4QFY01** Fielding to 1st and 2nd Brigade, 82nd Airborne Division

## PRIME CONTRACTORS

Raytheon (McKinney, TX)



\* See appendix for list of subcontractors

